



4947/00/JC

Attorney's Docket No.: 612.42904X00

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that: my residence, post office address and country of citizenship are as stated below, next to my name; I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled :  
**METHOD OF CONSTRAINING A HETEROGENEOUS PERMEABILITY FIELD REPRESENTING AN UNDERGROUND RESERVOIR BY DYNAMIC DATA**

the specification of which

is attached hereto.  
 was filed on July 10, 2003 as  
United States Application Number 10/615,772  
or PCT International Application Number \_\_\_\_\_  
and was amended on \_\_\_\_\_

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits, under 35 U.S.C. 119(a)-(d) or 365(b), of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>	<u>Priority Claimed?</u>		
02/08.714 (Number)	FRANCE (Country)	11 JUL 2002 (Foreign Filing Date)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Foreign Filing Date)	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit, under 35 U.S.C. 119(e), of any United States provisional application(s) listed below:

<u>(Application Number)</u>	<u>Filing Date</u>
<u>(Application Number)</u>	<u>Filing Date</u>

I hereby claim the benefit, under 35 U.S.C. 120, of any United States application(s) listed below:

<u>(Application Number)</u>	<u>Filing Date</u>	<u>(Status -- patented, pending, abandoned)</u>
<u>(Application Number)</u>	<u>Filing Date</u>	<u>(Status -- patented, pending, abandoned)</u>

I hereby appoint: Donald R. Antonelli, Reg. No. 20,296; Melvin Kraus, Reg. No. 22,466; William I. Solomon, Reg. No. 28,565; Gregory E. Montone, Reg. No. 28,141; Ronald J. Shore, Reg. No. 28,577; Donald E. Stout, Reg. No. 26,422; Alan E. Schiavelli, Reg. No. 32,087; James N. Dresser, Reg. No. 22,973; Carl I. Brundidge, Reg. No. 29,621; Paul J. Skwierawski, Reg. No. 32,173; and Robert M. Bauer, Reg. No. 34,487; of ANTONELLI, TERRY, STOUT & KRAUS, LLP with offices located at 1300 North Seventeenth Street, Suite 1800, Arlington, Virginia 22209, my attorneys, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send all correspondence to:

Customer Number 020457  
 ANTONELLI, TERRY, STOUT & KRAUS, LLP  
 1300 North Seventeenth Street  
 Suite 1800  
 Arlington, VA. 22209

Direct all telephone calls and faxes to:

TEL: (703) 312-6600  
 FAX: (703) 312-6666

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor LE RAVALEC-DUPIN Mickaële  
 Inventor's Signature Le Ravalec Mickaële Date 19 August 2004  
 Residence 16 rue des Frères Lumière, 92500 RUEIL MALMAISON, FRANCE  
 (City, State)  
 Citizenship French  
 (Country of Citizenship)  
 Post Office Address 16 rue des Frères Lumière, 92500 RUEIL MALMAISON, FRANCE

Full Name of Second/Joint Inventor FENWICK Darryl  
 Inventor's Signature Darryl Fenwick Date 19 August 2004  
 Residence 33-38 rue de Lappe, 75011 PARIS, FRANCE  
 (City, State)  
 Citizenship French  
 (Country of Citizenship)  
 Post Office Address 33-38 rue de Lappe, 75011 PARIS, FRANCE